

**Distribution of Radioactivity in Tissues 8 Hours Following
Oral Gavage Administration of 2 mg/kg [¹⁴C]Dibromoacetoneitrile
to Male B6C3F₁ Mice – Group 9**

Distribution in Tissues (8 hours)^a

Tissue	ng-eq per g Tissue Mean	ng-eq per g Tissue SD	TBR^d Mean	TBR SD	% Dose in Total Tissue Mean	% Dose in Total Tissue SD
Adipose	535	748	2.22	3.02	2.48	3.49
Blood	238	35	unity	–	0.853	0.139
Brain	117	25	0.489	0.045	0.0875	0.0263
Heart	202	24	0.854	0.087	0.0467	0.0137
Kidney	965	174	4.05	0.21	0.637	0.095
Liver	1390	280	5.84	0.54	2.63	0.38
Lung	581	268	2.38	0.94	0.174	0.086
Muscle	182	34	0.766	0.076	3.88	0.78
Skin	139	61	0.578	0.227	0.952	0.428
Spleen	451	149	1.91	0.059	0.0428	0.0101
Testis	155	17	0.656	0.027	0.0473	0.0049
Stomach ^b	–	–	–	–	5.19	1.34
Small Intestine ^b	–	–	–	–	2.40	0.52
Cecum ^b	–	–	–	–	2.26	1.04
Large Intestine ^b	–	–	–	–	1.43	0.91
Carcass ^c	–	–	–	–	0.99	0.95
Plasma	252	44	–	–	–	–
Total in Tissues and Carcass^c	–	–	–	–	23.4	2.7

^a All values expressed as mean ± standard deviation (SD) (N = 3).

^b includes contents

^c Carcass corrected for radioactivity associated with blood, skin, adipose, and muscle.

^d TBR = Tissue/Blood ratio.